



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF BUSINESS, ECONOMICS AND HOSPITALITY AND TOURISM

MANAGEMENT

DEPARTMENT OF HOSPITALITY MANAGEMENT

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (HOSPITALITY AND TOURISM MANAGEMENT)

BTM 200: -FLORA AND FAUNA OF EAST AFRICA

DATE:

TIME:

INSTRUCTIONS: Answer Question **One** (Compulsory) and any other **Two** questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms: (10 marks)
- i) Flora
 - ii) Fauna
 - iii) Ecology
 - iv) Taxonomic Hierarchy
 - v) Ecosystem
- b) Discuss FIVE differences between species and genus (10 marks)
- c) Identify **FIVE** characteristics of birds (5 marks)
- d) Write down the scientific name of an elephants and list four of its characteristics (5 marks)

QUESTION TWO (20 MARKS)

- a) Discuss six characteristics of the common amphibians found in east Africa. (12 marks)
- b) There are two main orders of class Pisces. State and discuss in details. (8 marks)

QUESTION THREE (20 MARKS)

- a) Class Amphibians are grouped into three main orders. List the orders and highlight 3 characteristics in each order. (12 marks)
- b) Explain four modern concepts in conservation of Flora and Fauna in East Africa. (8 marks)

QUESTION FOUR (20 MARKS)

- a) Describe five main characteristics of class reptilia. (10 marks)
- b) Class Reptilia has four main orders. Discuss two of the orders giving four characteristics in each. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Name two orders in class Mammalia and discuss their characteristics. (10 marks)
- b) Mammals have 3 sub-orders that distinguishes them from each other. Discuss. (10 marks)